

2014 Soybean Top 30 Harvest Report
 Red River Valley South [RRSO] ROTHSAY
 Kurt Krueger, Wilkin County, MN 56579



PREV. CROP/HERB: Corn / Verdict, Laudis
 SOIL DESCRIPTION: Croke sandy loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Mod. Low P, mod. low K, 7.8 pH, 2.2 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Trifluralin, Extreme, Govern, Silencer
 SEEDED - RATE - ROW: Jun 24 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 143,600 /A

All-Season Test
0.5 - 1.2 Day RM
 S2014RRSO04

Top 30 of 72
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
NorthStar	NS 1040NR2	RR2Y	0.90	R	CCB	30.5	13.6	0	146.9	\$275
Hefty	H11R5	RR2Y	1.10	MR	DST	30.1	12.5	0	146.9	\$271
Gold Country	1114	RR2Y	1.10	R	ACi	29.9	13.8	0	141.5	\$269
Channel	1108R2	RR2Y	1.10	R	ACi	29.6	13.0	0	144.2	\$266
Federal	F115NRR2Y	RR2Y	1.10	R	CCB	27.5	12.9	0	144.2	\$248
Hefty	H09R4	RR2Y	0.90	R	DST	26.0	12.8	0	146.9	\$234
Latham	L0758R2	RR2Y	0.70	R	CCB	26.0	13.4	0	141.5	\$234
Thunder	3511R2YN	RR2Y	1.10	R	CMB	25.5	13.3	0	141.5	\$230
REA	65G22	RR2Y	0.50	S	ACi	23.8	12.6	0	141.5	\$214
REA	R0815	RR2Y	0.80	R	ACi	23.6	12.9	0	141.5	\$212
Federal	F084NRR2Y	RR2Y	0.80	R	CMB	23.0	12.5	0	146.9	\$207
Hefty	H05R5	RR2Y	0.50	MR	DST	22.9	12.7	0	146.9	\$206
Asgrow	AG1234 §	RR2Y	1.20	R	ACi	22.8	12.9	0	146.9	\$205
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV	22.7	12.8	0	144.2	\$204
Dairyland	DSR-0711/R2Y	RR2Y	0.70	R	CMB	22.6	13.2	0	146.9	\$203
Stine	10RD03 §	RR2Y	1.00	MR	None	22.5	12.8	0	138.9	\$203
Pioneer	P10T91R §	RR	1.00	R	EE,G	21.8	13.1	0	133.5	\$196
Dairyland	DSR-0514/R2Y	RR2Y	0.50	R	CMB	21.5	13.0	0	138.9	\$194
Latham	L0838R2	RR2Y	0.80	R	CCB	21.2	13.1	0	144.2	\$191
REA	69G14	RR2Y	0.90	MR	ACi	21.0	13.3	0	146.9	\$189
Latham	L0982R2	RR2Y	0.90	MR	SS+	20.7	12.9	0	149.5	\$186
Gold Country	814	RR2Y	0.80	MR	ACi	20.6	13.1	0	144.2	\$185
Asgrow	AG0934 §	RR2Y	0.90	R	ACi	20.4	12.7	0	144.2	\$184
NK Brand	S12-H2 §	RR2Y	1.20	R	CCB	20.4	14.2	0	149.5	\$184
Renk	RS055NR2	RR2Y	0.50	R	None	20.2	12.8	0	125.5	\$182
Latham	L1258R2	RR2Y	1.20	R	CCB	20.2	13.5	0	146.9	\$182
Latham	E1053R2	RR2Y	1.00	S	CCB	19.8	12.7	0	146.9	\$178
Titan Pro	TP-11R33	RR2Y	1.10	R	CCB	19.5	12.0	0	146.9	\$176
Proseed	P2 30-12	RR2Y	1.20	R	CMB	19.5	13.3	0	144.2	\$176
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV	19.2	12.7	0	138.9	\$173

Kevin Coey
 kevincoey@firstseedtests.com, 701-630-8349

Test Average = **18.8** **13.0** **0** **143.6** **\$169**
 LSD (0.10) = 5.2 1.8 ns
 LSD (0.25) = 3.7 1.2 ns
 C.V. = 20.6 10.0

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Price = \$9.00 GMO / \$9.00 Non-GMO

TEST COMMENTS: *Planting in Rothsay, MN area this spring was difficult to finish in fields without tile. The test was planted late June reducing the growing season significantly. Plant heights for the fuller season varieties reached 24" or better and plant heath was generally good. A high sand fraction may have limited soil fertility but drained to prevent water stress late in the summer.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report date: 10/21/2014 Revised:

2014 Soybean - Red River Valley South [RRSO]



All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0832 §	RR2Y	0.80	S	ACi	Proseed	P2 30-80	RR2Y	0.80	R	CMB
Asgrow	AG0934 §	RR2Y	0.90	R	ACi	REA	65G22	RR2Y	0.50	S	ACi
Asgrow	AG1234 §	RR2Y	1.20	R	ACi	REA	66G14	RR2Y	0.60	R	ACi
Channel	1108R2	RR2Y	1.10	R	ACi	REA	69G13	RR2Y	0.90	S	ACi
Dairyland	DSR-0514/R2Y	RR2Y	0.50	R	CMB	REA	69G14	RR2Y	0.90	MR	ACi
Dairyland	DSR-0711/R2Y	RR2Y	0.70	R	CMB	REA	71G14	RR2Y	1.10	R	ACi
Dairyland	DSR-0904/R2Y	RR2Y	0.90	MR	CMB	REA	71G20	RR2Y	1.10	S	ACi
Dairyland	DSR-1120/R2Y	RR2Y	1.10	S	CMB	REA	R0815	RR2Y	0.80	R	ACi
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV	REA	R1215	RR2Y	1.20	R	ACi
Dyna-Gro	S08RY23	RR2Y	0.80	S	CMBV	Renk	RS055NR2	RR2Y	0.50	R	None
Dyna-Gro	S09RY64	RR2Y	0.90	R	CMBV	Renk	RS084NR2	RR2Y	0.80	R	CMB
Dyna-Gro	S12RY44	RR2Y	1.20	R	CMBV	Stine	08RE30 §	RR2Y	0.80	MR	None
Federal	F084NRR2Y	RR2Y	0.80	R	CMB	Stine	10RD03 §	RR2Y	1.00	MR	None
Federal	F115NRR2Y	RR2Y	1.10	R	CCB	Thunder	3205R2Y	RR2Y	0.50	S	CMB
Gold Country	'1114	RR2Y	1.10	R	ACi	Thunder	3307R2Y	RR2Y	0.70	S	CMB
Gold Country	'814	RR2Y	0.80	MR	ACi	Thunder	3406R2YN	RR2Y	0.60	R	CMB
Gold Country	'943	RR2Y	0.90	MR	ACi	Thunder	3408R2YN	RR2Y	0.80	MR	CMB
Hefty	H05R5	RR2Y	0.50	MR	DST	Thunder	3505R2YN	RR2Y	0.50	R	CMB
Hefty	H06R5	RR2Y	0.60	MR	DST	Thunder	3506R2YN	RR2Y	0.60	R	CMB
Hefty	H09R4	RR2Y	0.90	R	DST	Thunder	3511R2YN	RR2Y	1.10	R	CMB
Hefty	H11R3	RR2Y	1.10	S	DST	Titan Pro	TP-08R53	RR2Y	0.80	R	CCB
Hefty	H11R5	RR2Y	1.10	MR	DST	Titan Pro	TP-11R33	RR2Y	1.10	R	CCB
Hefty	H12R4	RR2Y	1.20	R	DST	Wensman	W 3062NR2	RR2Y	0.60	MR	AC,PV
Latham	E0950R2	RR2Y	0.90	S	CCB	Wensman	W 3080NR2	RR2Y	0.80	R	AC,PV
Latham	E1053R2	RR2Y	1.00	S	CCB	Wensman	W 3090NR2	RR2Y	0.80	MR	AC,PV
Latham	L0648R2	RR2Y	0.60	R	CCB	Wensman	W 3102NR2	RR2Y	1.00	R	AC,PV
Latham	L0758R2	RR2Y	0.70	R	CCB	Wensman	W 3121NR2	RR2Y	1.20	R	AC,PV
Latham	L0838R2	RR2Y	0.80	R	CCB						
Latham	L0982R2	RR2Y	0.90	MR	SS+						
Latham	L1084R2	RR2Y	1.00	R	SS+						
Latham	L1258R2	RR2Y	1.20	R	CCB						
Mustang	08824 §	RR2Y	0.80	R	AC,PV						
NK Brand	S07-B6 §	RR2Y	0.70	S	CCB						
NK Brand	S10-P9 §	RR2Y	1.00	S	CCB						
NK Brand	S12-H2 §	RR2Y	1.20	R	CCB						
NorthStar	NS 1040NR2	RR2Y	0.90	R	CCB						
Pioneer	P05T24R §	RR	0.50	S	EE,G						
Pioneer	P06T28R §	RR	0.60	S	EE,G						
Pioneer	P07T50R §	RR	0.70	S	EE,G						
Pioneer	P10T91R §	RR	1.00	R	EE,G						
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV						
Prairie Brand	PB-0777R2	RR2Y	0.70	R	CMBV						
Prairie Brand	PB-0863R2	RR2Y	0.80	R	CMBV						
Proseed	P2 30-11	RR2Y	1.10	S	CMB						
Proseed	P2 30-12	RR2Y	1.20	R	CMB						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaicho®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.